FRESHWATER RECREATION MODULE

fws1   In the following questions, I'd like you to tell me about your freshwater recreation.

[READ ONLY IF NEEDED OR IF ASKED - Freshwater recreation includes a number of activities, such as swimming, boating, fishing, or taking hikes along a shoreline. Freshwater includes lakes, reservoirs, rivers, streams, and wetlands; however, please do NOT include swimming pools as freshwater.

fwsday   During the past 12 months, did you take any single day trips FROM YOUR HOME where the primary purpose was to recreate in or near freshwater?

1   Yes
2   No
8   Don't know
9   Refused

IF NEEDED: By single day trips, we mean any time you traveled more than 15 minutes from home, but did not spend the night away from home.

This includes short trips within your community, and longer trips that may take several hours.

fwmday   During the past 12 months, did you go on any vacations or multiple day trips, during which you participated in freshwater recreation?

1   Yes
2   No
8   Don't know
9   Refused

IF NEEDED: By vacation or multiple day trips, we mean overnight or longer trips

IF NEEDED: This includes trips to a vacation home, camping trips, trips to a cabin belonging to a friend or relative, and trips to resorts.

fwtrips During the past 12 months approximately, how many single day trips did you take to recreate in, on, or near freshwater?

A.. ENTER RESPONSE   ****
-98.   Don't know
-99.   Refused

IF NEEDED: Please count trips whose primary purpose was to swim, boat, fish, view nature, or to otherwise enjoy lakes, wetlands, rivers, and other freshwater bodies. Remember this does NOT include trips to swimming pools.

fw1_site   Were all of these ___ single-day trips to the same general area, or did you visit different places on different trips?

1   Same general area

2   Different places
         8   Don't know
         9   Refused

         IF ASKED: By same general area, I mean a single destination such as a lake, or several
                    destinations that are near each other, such as different fishing holes along a
                    stream. Furthermore, if you took several trips during which you always
                    stopped at the same several places, please count these as trips to one
                    general area.

fw_sites   How many different areas did you visit on these ___ single-day trips?

         A.. ENTER RESPONSE   ****
         -98.   Don't know
         -99.   Refused

fwname1   What is the name of the freshwater body you visited most recently?

         A.. ENTER RESPONSE   ****

fwtype1   What type of water body is FWNAME1?

         1   One of the Great Lakes (Huron, Ontario, Michigan, Erie or Superior)
         2   Lake, pond or reservoir (or other body of standing water)
         3   River or stream (or other body of running water)
         4   Wetland (such as a marsh, swamp, or bog)
         5   Other
         8   Don't know
         9   Refused

fwtrps1   During the past 12 months, approximately how many trips did you take to
         FWNAME1?

         A.. ENTER RESPONSE   ****
         -98   Don't know
         -99   Refused

fwself1   On your most recent trip, did you travel to FWNAME1 by yourself?

         1   Yes
         2   No
         8   Don't know
         9   Refused

fwself1b   How many people did you go with?

         A.. ENTER RESPONSE   ****
             -98   Don't know
             -99   Refused
             -97   For bus tour, organized tour

fwdaysx1   About how many months ago was your most recent trip to FWNAME1?

         A.. ENTER RESPONSE   ****

-98   Don't know
        -99   Refused

fwdaysx2   About how many days ago was that trip?

        A.. ENTER RESPONSE   ****
        -98   Don't know
        -99   Refused

fwactiv1   In general for any trip you take to FWNAME1 what was your major reason for visiting?

        [Read list if necessary. If respondent lists several reasons, choose the first one
        mentioned.]

        1   Swimming, scuba diving, sailboarding, water skiing (any other water contact sports)
        2   Fishing
        3   Boating (such as motor boating, sailing and canoeing)
        4   Viewing nature (such as viewing wildlife, watching a waterfall, and relaxing on a
             beach)
        5   Participating in an organized activity (such as a picnic, a fishing competition, or boat
             race)
        6   Other
        8   Don't know
        9   Refused

fwfish1   What type of fish did you fish for?

        READ LIST ONLY IF NECESSARY. USE EXAMPLES IN PARENTHESES ONLY IF
        NEEDED.

        1   Warmwater fresh fish (such as bass, bream, catfish, pike, walleye, crappie, or
             perch)
        2   Coldwater fresh fish (such as trout)
        3   Migratory fish that live in the ocean and spawn in freshwater (such as striped
             bass, shad, and salmon)
        4   Other
        8   Don't know
        9   Refused

fwfishb1   Did you fish from a boat?

        1   Yes
        2   No
        8   Don't know
        9   Refused

fwsize1a   In general, when deciding to visit FWNAME1, how important are the following water
        quality characteristics?

        Would you say the size and depth of the lake, pond, or reservoir is Important, Somewhat
        important, or Not at all important?

        1   Important
        2   Somewhat important
        3   Not at all important
        8   Don't know

9   Refused

fwsize1b   In general, when deciding to visit FWNAME1, how important are the following water quality characteristics?

Would you say the amount of water in the river is Important, Somewhat important, or Not at all important?

1   Important
2   Somewhat important
3   Not at all important
8   Don't know
9   Refused

If asked to clarify: it's depth and speed?

fwclear1   In general, when deciding to visit FWNAME1, how important are the following water quality characteristics?

The clarity of the water?

1   Important
2   Somewhat important
3   Not at all important
8   Don't know
9   Refused

If asked about clarity: whether the water is not murky

fwlife1   In general, when deciding to visit FWNAME1, how important are the following water quality characteristics?

The health of aquatic life?

1   Important
2   Somewhat important
3   Not at all important
8   Don't know
9   Refused

 If asked to clarify: such as the number of fish

fwodor1   In general, when deciding to visit FWNAME1, how important are the following water quality characteristics?

The odor of the water?

1   Important
2   Somewhat important
3   Not at all important
8   Don't know
9   Refused

fwpollu1   In general, when deciding to visit FWNAME1, how important are the following water quality characteristics?

The level of pollutants in the water?

1 Important
2 Somewhat important
3 Not at all important
8 Don't know
9 Refused

fwcover1 In general, when deciding to visit FWNAME1, how important are the following water quality characteristics?

The amount of natural vegetation on the water's edge?

1 Important
2 Somewhat important
3 Not at all important
8 Don't know
9 Refused

fwcity1 What is the name of the city or town closest to FWNAME1?

A.. ENTER RESPONSE ****

fwstate1 What state is FWCITY1 in?

ASK IF DON'T KNOW CITY: What state is FWNAME1 in?

A.. ENTER RESPONSE ****

fwdist1 About how many miles is FWNAME1 from your home?
About how many miles from your home is the boat launch you used on your most recent trip to FWNAME1?

A.. ENTER RESPONSE ****
-98 Don't know
-99 Refused

By boat launch, we mean the place you started boating from.

fwdire1 What direction is it from your home? OR What direction from your home is that boat launch?

1 North
2 Northeast
3 East
4 Southeast
5 South
6 Southwest
7 West
8 Northwest
9 Don't know
10 Refused

IF (ASKCOST=2 & ASKTIME=2)
  IF (FWSITES = 1 & FWMDAY <> 1) SKIPTO CBIKE1
ENDIF

IF (ASKCOST=2 & ASKTIME=2)
  IF (FWSITES <> 1) SKIPTO fwname2
ENDIF
IF (ASKCOST = 2 & ASKTIME = 1) SKIPTO fwtime1

fwcost1x   How much did your trip to FWNAME1 cost you?

   A.. ENTER RESPONSE   ****
   -98   Don't know
   -99   Refused

   If it was a family trip, how much did it cost overall?

fwcost1a   Was your trip cost

   0   Nothing
   1   between 1 and 10 dollars
   2   between 11 and 25 dollars
   3   between 26 and 50 dollars
   4   greater than 51 dollars
   8   don't know
   9   refused

fwtime1   How long does it take to travel to FWNAME1 from your home? Please include only your actual travel time.

   A.. ENTER RESPONSE   ****
   -98   Don't know
   -99   Refused

   ROUND TO QUARTER HOURS (.25, .50, .75)

   Do not include time spent on other activities, such as time spent at roadside restaurants.

fwboat1b   On your most recent trip to FWNAME1 did you use:

   1   a rental or charter boat
   2   or your own boat (go to fwboat1c)
   8   Don't know
   9   Refused

fwrent1   About how much did it cost you to rent or charter this boat?

   A.. ENTER RESPONSE   ****
   -98   Don't know
   -99   Refused

   If the person says they paid nothing, record 0.

fwboat1c   What type of boat did you use:

   1   a rowboat or canoe   [or other hand powered craft]
   2   a sail boat
   3   a small powerboat with less than a 40 horsepower motor

4   a powerboat with greater than a 40 horsepower motor
5   Other
8   Don't know
9   Refused

fwtripc1   Suppose the cost of a trip to FWNAME1 were to increase by ____ for example, due to an increase in the price of gas. Would you change the number of trips you took to FWNAME1?

1   No change (same number of trips)
2   1 less trip
3   2 less trips
4   Taken no trips
5   Other
8   Don't know
9   Refused

IF NEEDED: Please assume that only the cost of visiting FWNAME1 increases, all other prices and trip costs remain the same.

IF SKEPTICAL: Though our example of an increase in gas prices is likely to increase the costs of going to any site, for purposes of this question please imagine that only the cost of visiting FWNAME1 increases.

IF (ASKTIME = 1 & fwaddt1 > 0) SKIPTO fwtript1
IF (ASKTIME = 1 & fwaddt1 <= 0) SKIPTO fwtript2
IF (ASKTIME = 2 & fwsites = 1 & fwmday <> 1) SKIPTO CBIKE1
IF (ASKTIME = 2 & fwsites = 1 & fwmday = 1) SKIPTO fwvacnm2
IF (ASKTIME = 2 & fwsites <> 1) SKIPTO fwname2

fwtripc2   Suppose the cost of a trip to FWNAME1 were to decrease by _____ for example, due to a reduction in the price of gas. Would you change the number of trips you took to FWNAME1?

1   No change (same number of trips)
2   1 more trip
3   2 more trips
4   Other
8   Don't know
9   Refused

IF NEEDED: Please assume that only the cost of visiting FWNAME1 decreases, all other prices and trip costs remain the same.

IF SKEPTICAL: Though our example of a reduction in gas prices is likely to decrease the costs of going to any site, for purposes of this question please imagine that only the cost of visiting FWNAME1 decreases.

IF (ASKTIME = 1 & fwaddt1 > 0) SKIPTO fwtript1
IF (ASKTIME = 1 & fwaddt1 <= 0) SKIPTO fwtript2
IF (ASKTIME = 2 & fwsites=1 & fwmday<>1) SKIPTO CBIKE1
IF (ASKTIME = 2 & fwsites=1 & fwmday=1) SKIPTO fwvacnm2
IF (ASKTIME = 2 & fwsites <> 1) SKIPTO fwname2

fwtript1   Suppose the time it took you to reach FWNAME1 were to increase by ____ for example,

due to changes in road conditions. Would you change the number of trips you took to FWNAME1?

    1   No change (same number of trips)
    2   1 less trip
    3   2 less trips
    4   Taken no trips
    5   Other
    8   Don't know
    9   Refused

    IF NEEDED: Please assume that only the time it took to travel to FWNAME1 increases, traveling to other locations does not change.

IF (fwsites = 1 & fwmday <> 1) SKIPTO CBIKE1
IF (fwsites = 1 & fwmday = 1) SKIPTO fwvacnm2
SKIPTO fwname2

    fwtript2   Suppose the time it took you to reach FWNAME1 were to decrease by ___ for example, due to improvements in road conditions. Would you change the number of trips you took to FWNAME1?

    1   No change (same number of trips)
    2   1 more trip
    3   2 more trips
    4   Other
    8   Don't know
    9   Refused

    IF NEEDED: Please assume that only the time it took to travel to FWNAME1 decreases, traveling to other locations does not change.

IF (fwsites = 1 & fwmday <> 1) SKIPTO CBIKE1
IF (fwsites = 1 & fwmday = 1) SKIPTO fwvacnm2

fwname2   Other than FWNAME1 what other freshwater body did you visit recently on one of your __ single-day trips?

    A.. ENTER RESPONSE   ****
    -98   Don't know
    -99   Refused

    FWWHEN1   How many months ago was your most recent visit to FWNAME2?

    A.. ENTER RESPONSE   ****
    -98   Don't know
    -99   Refused

IF (FWWHEN1=1|FWWHEN1=2) SKIPTO FWWHEN2
SKIPTO fwtype2

    FWWHEN2   How many days ago was that visit?

    A.. ENTER RESPONSE   ****
    -98   Don't know
    -99   Refused

fwtype2   What type of water body is FWNAME2?

1 One of the Great Lakes   (Huron, Ontario, Michigan, Erie or Superior)
2 Lake, pond or reservoir (or other body of standing water)
3 River or stream (or other body of running water)
4 Wetland (such as a marsh, swamp, or bog)
5 Other
8 Don't know
9 Refused

fwtrip2   During the past 12 months, approximately how many trips did you take to
FWNAME2?

A.. ENTER RESPONSE   ****
-98   Don't know
-99   Refused

fwself2   On this most recent trip, did you travel to FWNAME2 by yourself?

1 Yes   (Go to fwactiv2)
2 No
8 Don't know (Go to fwactiv2)
9 Refused (Go to fwactiv2)

fwself2b   How many people did you go with?

A.. ENTER RESPONSE   ****
-98   Don't know
-99   Refused
-97   For bus tour, organized tour

fwactiv2   In general, what was your major reason for visiting FWNAME2?

[Read list if necessary. If respondent lists several reasons, choose the first one
mentioned.]

1 Swimming, scuba diving, sailboarding, water skiing (any other water contact sports)
2 Fishing
3 Boating (such as motor boating, sailing and canoeing)
4 Viewing nature (such as viewing wildlife, watching a waterfall, and relaxing on a
   beach)
5 Participating in an organized activity (such as a picnic, a fishing competition, or boat
   race)
6 Other
8 Don't know
9 Refused

IF (fwactiv2 <> 2) SKIPTO fw_flag2

fwfish2   What type of fish did you fish for?

READ LIST ONLY IF NECESSARY. USE EXAMPLES IN PARENTHESES ONLY IF
NEEDED.

1   Warmwater fresh fish (such as bass, bream, catfish, pike, walleye, crappie, or perch)
2   Coldwater fresh fish (such as trout)
3   Migratory fish that live in the ocean and spawn in freshwater (such as striped bass, shad, and salmon)
4   Other
8   Don't know
9   Refused

fwfishb1   Did you fish from a boat?

1   Yes
2   No
8   Don't know
9   Refused

fwcity2   What is the name of the city or town closest to FWNAME2?
What is the name of the city or town closest to the boat launch that you used on your most recent trip to FWNAME2?

A.. ENTER RESPONSE   ****

By boat launch, we mean the place you started boating from.

fwstate2   What state is FWCITY2 in?

ASK IF DON'T KNOW CITY: What state is FWNAME2 in?

A.. ENTER RESPONSE   ****

fwdist2   About how many miles is FWNAME2 from your home? OR
About how many miles from your home is the boat launch you used on your most recent trip to FWNAME2?

A.. ENTER RESPONSE   ****
   -98   Don't know
   -99   Refused

By boat launch, we mean the place you started boating from.

fwdire2a   What direction is it from your home? OR What direction from your home is that boat launch?

1   North
2   Northeast
3   East
4   Southeast
5   South
6   Southwest
7   West
8   Northwest
9   Don't know
10 Refused

By boat launch, we mean the place you started boating from.

IF (fwmday=1 & fwsday=1) SKIPTO fwvacnm2
SKIPTO CBIKE1

fwboat2b   On your most recent trip to FWNAME2 did you use:

    1   a rental or charter boat
    2   or your own boat (Note to interviewer: own boat includes boat belonging to someone else, friend, family member)   (GO TO fwboat2c)
    8   Don't know   (GO TO fwboat2c)
    9   Refused   (GO TO fwboat2c)

fwrent2   About how much did it cost you to rent or charter this boat?

    A..   ENTER RESPONSE   ****   (IF fwmday <> 1, GO TO CBIKE1)
    -98   Don't know
    -99   Refused

If the person says they paid nothing, record 0.
If the person takes more than a few seconds to answer, enter -98

fwboat2c   What type of boat did you use:

    1   a rowboat or canoe   [or other hand powered craft]
    2   a sail boat
    3   a small powerboat with less than a 40 horsepower motor
    4   a powerboat with greater than a 40 horsepower motor
    5   Other
    8   Don't know
    9   Refused

IF (fwmday = 1 & fwsday = 1) SKIPTO fwvacnm2
IF (fwmday = 1 & fwsday <> 1) SKIPTO fwvacnam
IF (fwmday <> 1) SKIPTO CBIKE1

fwvacnm2 You mentioned earlier that in the last 12 months you took a vacation or an overnight trip during which you participated in freshwater recreation. Where did you go on this vacation?

A.. ENTER RESPONSE   ****

If needed: If you took more than one vacation, where did you go on your most recent vacation during which you participated in freshwater recreation?

[NOTE: By vacation, we mean overnight or longer trips; such as trips to a vacation home, a cabin belonging to a friend or relative, or to a campsite.

For freshwater recreation, include swimming, boating, fishing, or viewing nature in or near freshwater bodies, such as lakes, ponds, reservoirs, rivers, streams and   wetlands.]

fwcitym   If they have already told you the city or county, just type it in. Otherwise, ask!

What city or town is FWVACNM2 closest to?

fwstatm   What state is FWCITY2   in?

ASK IF DON'T KNOW CITY:

What state is FWVACNM2 in?

A.. ENTER RESPONSE   ****

fwtmodem How did you travel from your home to FWVACNM2?

1   Drove a car/truck
2   Drove a recreational vehicle or car camper
3   Airplane to nearby city
4   Bus or train to nearby city
5   Other
8   Don't know
9   Refused

fwreasm   Was participating in freshwater recreation:

1   the most important activity you did while on vacation to FWVACNM2?
2   one of the most important activities?
3   one of several activities?
4   a minor activity? or
5   something that didn't really matter?
8   Don't know
9   Refused

SKIPTO CBIKE1

fwvacnam Where did you go on your vacation?

A.. ENTER RESPONSE   ****

If needed: If you took more than one vacation, where did you go on your most recent
vacation during which you participated in freshwater recreation?

[NOTE: By vacation, we mean overnight or longer trips; such as trips to a vacation home,
a cabin belonging to a friend or relative, or to a campsite.

For freshwater recreation, include swimming, boating, fishing, or viewing nature in or near
freshwater bodies, such as lakes, ponds, reservoirs, rivers, streams and   wetlands.]

fwcityv   If they have already told you the city or county, just type it in. Otherwise, ask!

What city or town is FWVACNAM closest to?

A.. ENTER RESPONSE   ****

fwstatev   What state is FWCITYV in?

ASK IF DON'T KNOW CITY: What state is FWVACNAM in?

A.. ENTER RESPONSE   ****

fwstayv   If obvious, record. Otherwise, ASK!

Where did you stay on this vacation?

(read list only if necessary -- if you can closely match, do so)

1 vacation home
2 cottage
3 condo
4 relative's house
5 friend's house
6 resort
7 motel
8 hotel
9 campsite (tent or car-camper campsite)
10 trailer park (RV site)
11 Other
-98 Don't know
-99 Refused

fwtmodev How did you travel from your home to FWVACNAM?

1 Drove a car/truck
2 Drove a recreational vehicle or car camper
3 Airplane to nearby city
4 Bus or train to nearby city
5 Other
8 Don't know
9 Refused

fwreasv Was participating in freshwater recreation:

1 the most important activity you did while on vacation to FWVACNAM?
2 one of the most important activities?
3 one of several activities?
4 a minor activity? or   (Go to fwdov)
5 something that didn't really matter? (Go to CBIKE1)
8 Don't know   (Go to CBIKE1)
9 Refused   (Go to CBIKE1)

fwdov What activities did you do during this vacation to FWVACNAM?

READ LIST IF NECESSARY, CHECK ALL THAT APPLY

_____ Swimming
_____ Fishing
_____ Boating
_____ Viewing nature
_____ Participating in an organized activity
_____ Other _____
_____ No other

fwnearv On your vacation to FWVACNAM did you engage in any freshwater recreation in the immediate vicinity of your FWSTAYV?

1 Yes
2 No
8 Don't know
9 Refused

IF NEEDED: In other words, were you able to swim, boat, fish or visit a beach directly from your or by walking or driving a few miles.

IF ASKED: By a few miles, I mean 5 miles or less

fwside1v   Did you take any sidetrips away from your FWSTAYV during which you participated in freshwater recreation?

1   Yes
2   No
8   Don't know
9   Refused

IF NEEDED: In other words, were you able to swim, boat, fish or visit a beach directly from your or by walking or driving a few miles.

IF ASKED: By a few miles, I mean 5 miles or less

IF (fwside1v <> 1) SKIPTO CBIKE1

fwside1d   About how far from your FWSTAYV did you usually go on one of these side trips during which you participated in freshwater recreation?

IF NEEDED: What was the one-way distance, from your FWSTAYV to your sidetrips' destination?

[READ LIST IF NECESSARY]

1   5 to 10 miles
2   11 to 20 miles
3   21 to 40 miles
4   41 to 80 miles
5   more than 80 miles
8   Don't know
9   Refused

fwside3v   What is the name of the place you usually visited on these sidetrips?

A.. ENTER RESPONSE   ****

fwside4v   How many times did you go to FWSIDE3V during your vacation to FWVACNAM?

A.. ENTER RESPONSE   ****
-98   Don't know
-99   Refused

fwside5v   [Record if obvious, otherwise ASK]

What type of water body is FWSIDE3V?

1   Lake, pond or reservoir (Go to CBIKE1)
2   River or stream   (Go to CBIKE1)
3   Wetland   (Go to CBIKE1)

5   Other   (Go to CBIKE1)
8   Don't know   (Go to CBIKE1)
9   Refused   (Go to CBIKE1)